

PIANOFORTE first Call preparation

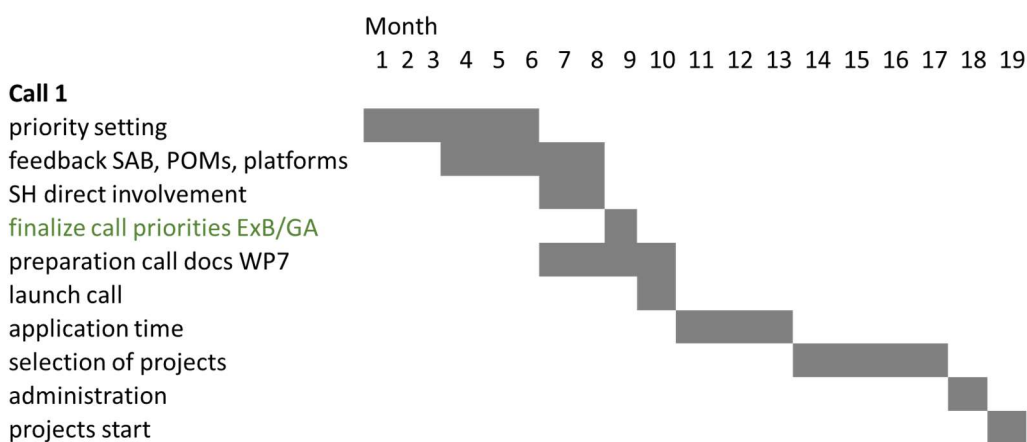
Summary of the proposals submitted by the ExB to the GA

10 January 2023

Context

- Total budget for the three Calls (2023, 2024, 2025) : **34 millions euros**
- Co-fund rate by the EC for the selected projects : **63%**

Call timeline :



Start date : June 2022

First Call launch : End of March 2023 (month 10)

Prioritization exercise and Consultation process :

- Feedback from 17 POMs over 39.
- Stakeholder Advisory Board : 2 meetings in 2022 carried out on call topic priority setting
- Topical On Line meetings (TOM) : 47 participants from 17 different countries
- Feedback received from 23 stakeholders from 12 European countries and IAEA
- Summary of the consultation process (see the figure below)

Topic	Subtopic	RANKING EVALUATION			e-Survey prell	POMs: 17 answers	ExeB: Call 1
		Platforms	SAB	TOM			
A	A1	HIGH	HIGH	HIGH	6,5	HIGH (2+, 2-)	NO
	A2	VERY HIGH	VERY HIGH	VERY HIGH	6,5	VERY HIGH (2-)	YES
	A3	VERY HIGH	HIGH	VERY HIGH	6,5	VERY HIGH (1-)	CROSS-CUTTING
	A4	HIGH	HIGH	VERY HIGH	6,5	HIGH (3+ _ITA)	NO
B	B1	MODERATE	HIGH	HIGH	5,2	MODERATE/HIGH (5+)	NO
C	C1	HIGH	MODERATE	VERY HIGH	4,8	HIGH (2-, 1+)	NO
	C2	MODERATE	HIGH	HIGH	4,8	MODERATE (1+)	NO
D	D1	VERY HIGH	HIGH	VERY HIGH	6,2	VERY HIGH (2-)	YES
	D2	MODERATE	HIGH	HIGH	6,2	HIGH (7+ _ITA)	NO
	D3	MODERATE	MODERATE	MODERATE	6,2	MODERATE (4+)	NO
E	E1	MODERATE	MODERATE	HIGH	6,0	MODERATE/HIGH (5+)	NO
F	F1	HIGH	MODERATE	HIGH	5,9	HIGH (1-)	NO
	F2	HIGH	HIGH	HIGH	5,9	HIGH (2+)	NO
	F3	MODERATE	HIGH	MODERATE	5,9	MODERATE (2+)	NO
G	G1	HIGH	MODERATE	VERY HIGH	6,0	HIGH (2+)	NO
	G2	HIGH	HIGH	VERY HIGH	6,0	HIGH/VERY HIGH (7+ _ITA, 1-)	YES
H	H1	HIGH	HIGH	HIGH	5,3	MODERATE/HIGH (5- _ITA)	NO

Topics proposed by the ExB to the General Assembly :

- Topic A2 : “Developing knowledge base for a better understanding of disease pathogenesis of ionising radiation-induced cancer to improve risk assessment.”
- Topic D1 : “Individualise diagnostic as well as therapeutic procedures with regard to optimisation of the benefit/risk ratio.”
- Topic G2 : “Development of risk assessment and risk management approaches and technological capabilities to cope with scenarios arising from threats due to war or armed conflicts situations”

A mention about individual response will be added to the first Call for example (will not exclude the fact that individual response could be a topic of the next Calls):

“An important question in radiation protection research is the understanding of factors and mechanisms governing individual responses to ionizing radiation. Where relevant, proposal should show how the planned research will contribute towards answering this question”.

Budget for the first Call :

- Total budget dedicated to the first Call : **13 millions euros.**
- Indicative budget for each project will be **between 1 million and 1,5 millions euros maximum.**
- This budget limit will allow the selection of **8 to 10 projects for the first Call.**
- No specification of the duration of the projects but a maximum of 4 years.
- The projects with the highest score in each of the three topics will be selected and then the next ones will be selected according to a merged ranking.

Consortium composition (similar to CONCERT)

- Each consortium must nominate a **project coordinator** among the project’s principal investigators. For practical administrative reasons it is recommended that the coordinator belongs to a PIANOFORTE Beneficiary organisation or one of their Affiliated Entities The project coordinator will represent the consortium externally and towards the PIANOFORTE coordination, and will be responsible for its internal scientific management.

- Each project partner will be represented by **one principal investigator** only. Within a joint proposal, each project partner's principal investigator will be the contact person.
- Each principal investigator can submit only one proposal as project coordinator.
- Only transnational projects will be funded.
- Each proposal must involve at least three legal entities. Each of the three must be established in a different EU Member State or Euratom Programme associated country. All three legal entities must be independent of each other.
- There should be at least one external entity (non-PIANOFORTE beneficiary or AE) to the current PIANOFORTE consortium, participating in a proposal.
- The number of participants and their research contribution should be appropriate for the aims of the transnational research project and reasonably balanced in terms of international participation. Each transnational collaborative project should represent the critical mass to achieve ambitious scientific goals and should clearly demonstrate an added value from working together.

Proposition of recommendations to be implemented in the Call document (adapted from the CONCERT recommendations) :

- Generic recommendation to encourage applicants to use "central" resources of the partnership :
"Successful proposals will also outline their ideas to use central Pianoforte resources such as for example the stakeholder engagement plan, impact opportunities or infrastructure options. The idea is to prevent double structures and enable most of the resources from the calls to be used for the actual science. It is expected that successful proposals will contact the relevant WP leads after project start to align these central activities across all projects."
- Education and training :
"Education and training is a part of all activities within PIANOFORTE. Proposals should include a plan for integration of PhD students and early career researchers into the research programme. Organisation of training courses and exchange visits for students and early stage researchers is encouraged. The costs of these activities are not to be not included in the project budget but applied for via regular calls managed by the PIANOFORTE WP4"
- SSH
"Social Sciences and Humanities (SSH) research is an important constituent of research and innovation in radiation protection. As appropriate and depending on the topic addressed, proposals are encouraged to take into account social, behavioural, institutional, historical and/or cultural dimensions. -The PIANOFORTE "Guidelines on integration of Social Sciences and Humanities in R&I" (PIANOFORTE Deliverable 2.6 <https://pianoforte-partnership.eu/deliverables>) may be used as a tool by project applicants"
- Quality assurance, Open Access and Infrastructures
"Proposals must identify the infrastructures required to perform the research, using the CONCERT AIR2D2 (concert-infrastructures.eu) as a starting point. Proposals must clearly demonstrate the appropriateness of the approaches, techniques and infrastructures that they plan to use, in terms of feasibility, reliability, quality assurance and traceability of the results to be generated in relation to the objectives of the project. Proposals must also demonstrate the expertise of the applicants in using such infrastructures."

Proposals must describe how they will work with PIANOFORTE WP5: Infrastructures and data management for radiation protection research, in terms of access to infrastructures, harmonization of quality standards, practices and protocols, and FAIR (findable, accessible, interoperable and reusable) data management and approaches to exploitation of archived data. In particular, proposals are encouraged to consider parallel applications directly to the planned calls for training in trans-national infrastructures, and to facilitate small-scale technical inter-comparison exercises to promote harmonization of techniques and protocols at the European level.

Plans for development of the Data Management Plan (DMP), considering the aspects outlined in Deliverable 5.2, must be included in the proposal.

Proposals which include intended collaboration with the HORIZON-EURATOM-2021-NRT-01-12 funded project OFFERR (focused on supporting SNETP in establishing an operational scheme facilitating access to key nuclear science infrastructures for R&D experts) are also encouraged.”

- Stakeholders, outreach and impact

“PIANOFORTE has a Stakeholder and Advisory Board that can be addressed by all partnership projects. There is also an active stakeholder engagement program, an existing stakeholder mapping and a central stakeholder engagement plan. PIANOFORTE will organize a diverse set of stakeholder engagement opportunities throughout the runtime of the partnership. Successful proposals are expected to support and use these activities and channel their stakeholder activities throughout existing structures within PIANOFORTE (i.e., it is for example not necessary to set up independent stakeholder advisory boards, it is planned to have yearly joint project meetings)”

- Communication

“PIANOFORTE communication and dissemination tools can be used to promote and disseminate the results of partnership projects effectively to the broader research community and key stakeholders. The basic informations about all submitted and accepted partnership projects will be published on PIANOFORTE webpage. The outcomes of partnership projects such as scientific reports and articles, progress reports, conference contributions and innovations will be disseminated through PIANOFORTE newsletter. Outreach and impact of partnership projects can be based on these available tools”